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Docket No. 292328US2RD PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kazuhiko ITAYA, et al.

SERIAL NO: 10/582,229

GAU:

FILED: June 9, 2006

EXAMINER:

FOR: THIN FILM PIEZOELECTRIC RESONATOR AND METHOD OF MANUFACTURING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the International Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☒ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
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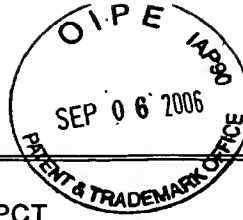
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Registration No. 34,423



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| Form PTO 1449 (Modified) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY DOCKET NO. 292328US2RD PCT | | SERIAL NO. 10/582,229 | |
| LIST OF REFERENCES CITED BY APPLICANT | | | | APPLICANT Kazuhiko ITAYA, et al. | | | |
| | | | | FILING DATE June 9, 2006 | | GROUP | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| /T.D./ | AA | 6 150 703 | 11-21-00 | CUSHMAN, Drew et al. | | | |
| /T.D./ | AB | 2002 190814 | 12-19-02 | YAMADA, Tetsuo et al. | | | |
| /T.D./ | AC | 2004 263287 | 12-30-04 | GINSBURG, Eyal et al. | | | |
| | AD | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION YES NO | | |
| /T.D./ | AO | 01 06647 | 01-25-01 | WO (equivalent of US 6788170 and US 6812619) | | | NO |
| | AP | | | | | | |
| | AQ | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| | AU | | | | | | |
| | AV | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| /T.D./ | AW | THALHAMMER, Robert et al., "Prediction of BAW Resonator Performance Using Experimental and Numerical Methods", Ultrasonics Symposium, pgs. 282-285, 2004. | | | | | |
| /T.D./ | AX | AIGNER, Robert et al., "Bulk-Acoustic-Wave Filters: Performance Optimization and Volume Manufacturing", International Microwave Symposium Digest., Vol. 3, pgs. 2001-2004, 2003. | | | | | |
| | AY | | | | | | |
| | AZ | | | | | <input type="checkbox"/> Additional References sheet(s) attached | |
| Examiner /Thomas Dougherty/ | | | | | Date Considered 10/30/2009 | | |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |



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|---|----------------------------------|------------------------|
| LIST OF RELATED CASES CITED BY APPLICANT UNDER 37 CFR 1.56 | Docket No.: 292328US2RD PCT | Serial No.: 10/582,229 |
| | Inventor: Kazuhiko ITAYA, et al. | |
| | Filing Date: June 9, 2006 | Group: |

LIST OF RELATED CASES

| <u>Examiner Initial</u> | <u>Docket No.</u> | <u>Serial or Patent Number</u> | <u>Filing or Issue Date</u> | <u>Patent App. Publication No.</u> | <u>Inventor or Applicant</u> |
|-----------------------------|---------------------|------------------------------------|---------------------------------|--|----------------------------------|
| /T.D./ | 292328US2RD PCT* | 10/582,229 | 06/09/06 | | ITAYA, et al. |
| /T.D./ | 292325US2RD | 11/447,999 | 06/07/06 | | OHARA, et al. |

Examiner /Thomas Dougherty/

Date Considered

10/30/2009

*Present Application; listed for information

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